

Megan A Grabenauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8955438/publications.pdf>

Version: 2024-02-01

28
papers

1,403
citations

430754

18
h-index

526166

27
g-index

29
all docs

29
docs citations

29
times ranked

1758
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzodiazepines reported in NFLIS-Drug, 2015 to 2018. <i>Forensic Science International (Online)</i> , 2021, 3, 100138.	0.6	11
2	In vitro and in vivo pharmacological evaluation of the synthetic cannabinoid receptor agonist EG-018. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 193, 172918.	1.3	11
3	Microwave synthesis of 1-aryl-1H-pyrazole-5-amines. <i>Tetrahedron Letters</i> , 2019, 60, 72-74.	0.7	14
4	Detection and quantification of codeine-6-glucuronide, hydromorphone-3-glucuronide, oxycodone-3-glucuronide, morphine 3-glucuronide and morphine-6-glucuronide in human hair from opioid users by LC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2018, 42, 115-125.	1.7	12
5	Development of a Quantitative LC-MS-MS Assay for Codeine, Morphine, 6-Acetylmorphine, Hydrocodone, Hydromorphone, Oxycodone and Oxycodone in Neat Oral Fluid. <i>Journal of Analytical Toxicology</i> , 2018, 42, 392-399.	1.7	14
6	Thermolytic Degradation of Synthetic Cannabinoids: Chemical Exposures and Pharmacological Consequences. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 162-171.	1.3	41
7	Identification of Eight Synthetic Cannabinoids, Including 5F-AKB48 in Seized Herbal Products Using DART-TOF-MS and LC-QTOF-MS as Nontargeted Screening Methods. <i>Journal of Forensic Sciences</i> , 2017, 62(9) 1151-1158.		20
8	Medullary Endocannabinoids Contribute to the Differential Resting Baroreflex Sensitivity in Rats with Altered Brain Renin-Angiotensin System Expression. <i>Frontiers in Physiology</i> , 2016, 7, 207.	1.3	9
9	Evaluation of first generation synthetic cannabinoids on binding at non-cannabinoid receptors and in a battery of in vivo assays in mice. <i>Neuropharmacology</i> , 2016, 110, 143-153.	2.0	49
10	Alterations in the Medullary Endocannabinoid System Contribute to Age-related Impairment of Baroreflex Sensitivity. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 65, 473-479.	0.8	6
11	Effects of Δ^9 -Pyrrolidinopentiophenone and 4-Methyl-N-Ethylcathinone, Two Synthetic Cathinones Commonly Found in Second-Generation "Bath Salts," on Intracranial Self-Stimulation Thresholds in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu014-pyu014.	1.0	30
12	AB-CHMINACA, AB-PINACA, and FUBIMINA: Affinity and Potency of Novel Synthetic Cannabinoids in Producing Δ^9 -Tetrahydrocannabinol-Like Effects in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 328-339.	1.3	110
13	Potent rewarding and reinforcing effects of the synthetic cathinone 3,4-methylenedioxypyrovalerone (MDPV). <i>Addiction Biology</i> , 2014, 19, 165-174.	1.4	156
14	Evaluation of Laser Diode Thermal Desorption-Tandem Mass Spectrometry (LDTD-MS-MS) in Forensic Toxicology. <i>Journal of Analytical Toxicology</i> , 2014, 38, 528-535.	1.7	14
15	Cannabinoid Designer Drugs: Effects and Forensics. , 2014, , 710-730.		2
16	Cannabinoids in disguise: Δ^9 -Tetrahydrocannabinol-like effects of tetramethylcyclopropyl ketone indoles. <i>Neuropharmacology</i> , 2013, 75, 145-154.	2.0	94
17	Analytical surveillance of emerging drugs of abuse and drug formulations. <i>Life Sciences</i> , 2013, 92, 512-519.	2.0	10
18	Use of SPME-HS-GC-MS for the Analysis of Herbal Products Containing Synthetic Cannabinoids. <i>Journal of Analytical Toxicology</i> , 2012, 36, 293-302.	1.7	32

#	ARTICLE	IF	CITATIONS
19	Analysis of Synthetic Cannabinoids Using High-Resolution Mass Spectrometry and Mass Defect Filtering: Implications for Nontargeted Screening of Designer Drugs. <i>Analytical Chemistry</i> , 2012, 84, 5574-5581.	3.2	91
20	Characterization of simple isomeric oligosaccharides and the rapid separation of glycan mixtures by ion mobility mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2010, 298, 119-127.	0.7	114
21	Structural analysis of prion proteins by means of drift cell and traveling wave ion mobility mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 845-854.	1.2	47
22	The Effect of Calcium Ions and Peptide Ligands on the Relative Stabilities of the Calmodulin Dumbbell and Compact Structures. <i>Journal of Physical Chemistry B</i> , 2010, 114, 437-447.	1.2	56
23	Conformational Stability of Syrian Hamster Prion Protein PrP(90~231). <i>Journal of the American Chemical Society</i> , 2010, 132, 8816-8818.	6.6	29
24	Oligomers of the Prion Protein Fragment 106~126 Are Likely Assembled from β^2 -Hairpins in Solution, and Methionine Oxidation Inhibits Assembly without Altering the Peptide's Monomeric Conformation. <i>Journal of the American Chemical Society</i> , 2010, 132, 532-539.	6.6	67
25	Supramolecular Modification of Ion Chemistry: Modulation of Peptide Charge State and Dissociation Behavior through Complexation with Cucurbit[n]uril (n = 5, 6) or β -Cyclodextrin. <i>Journal of Physical Chemistry A</i> , 2009, 113, 1508-1517.	1.1	41
26	Characterization of Phosphorylated Peptides Using Traveling Wave-Based and Drift Cell Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 248-254.	3.2	223
27	Spermine Binding to Parkinson's Protein α -Synuclein and Its Disease-Related A30P and A53T Mutants. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11147-11154.	1.2	52
28	Carbon Dioxide as a Solubility "Switch" for the Reversible Dissolution of Highly Fluorinated Complexes and Reagents in Organic Solvents: Application to Crystallization. <i>Inorganic Chemistry</i> , 2002, 41, 3463-3468.	1.9	48